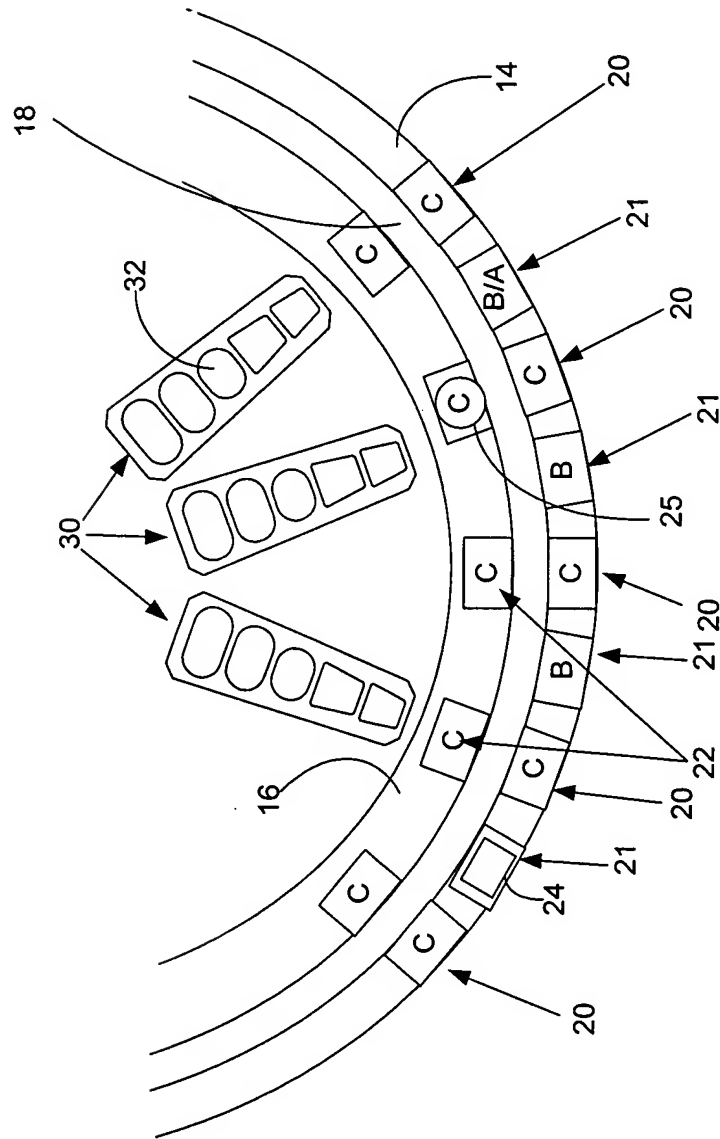


William J. Devlin
DCS-9166

Fig. 1

William J. Devlin
DCS-9166

2/10



Method for Increasing Throughput in an Automatic Clinical
Analyzer by Duplicating Reagent Resources

William J. Devlin

DCS-9166

3/10

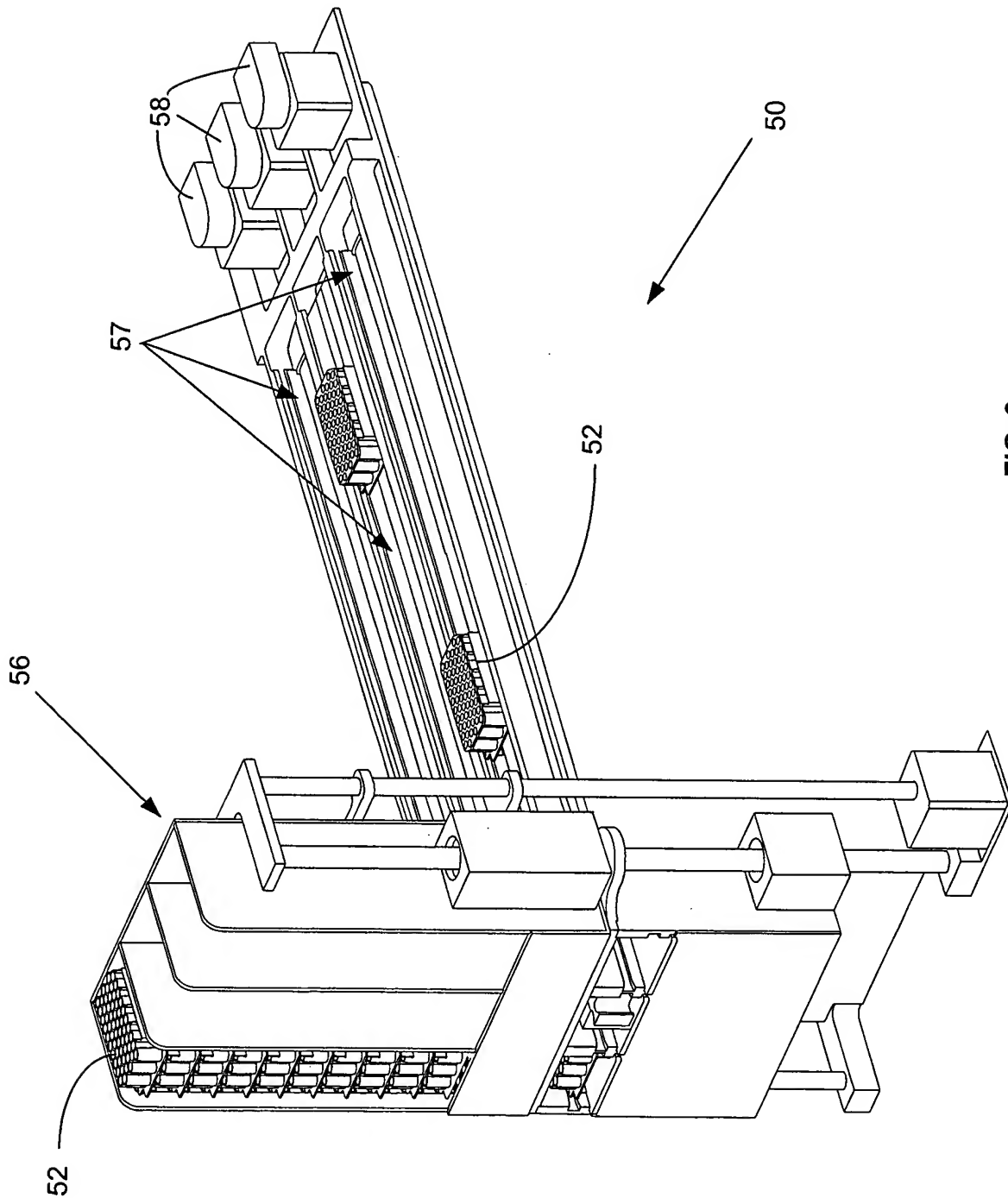


FIG. 3

Method for Increasing Throughput in an Automatic Clinical
Analyzer by Duplicating Reagent Resources

William J. Devlin

DCS-9166

4/10

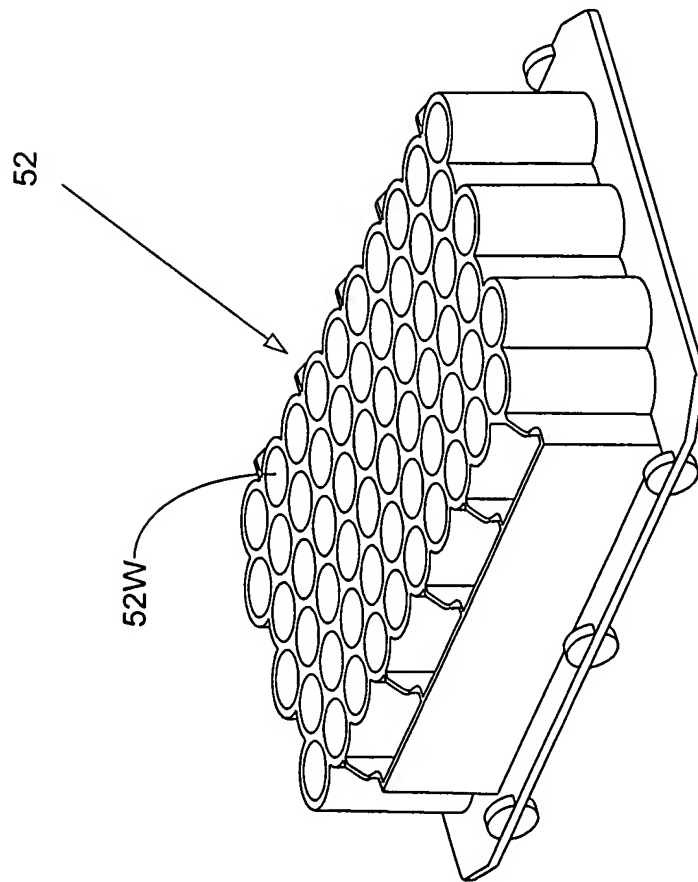


FIG. 4

Method for Increasing Throughput in an Automatic Clinical Analyzer by Duplicating Reagent Resources

William J. Devlin

DCS-9166

5/10

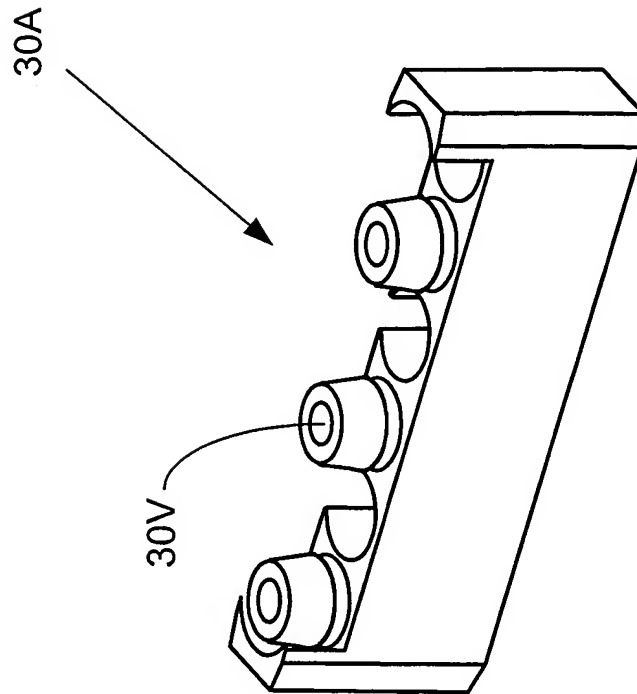


FIG. 5A

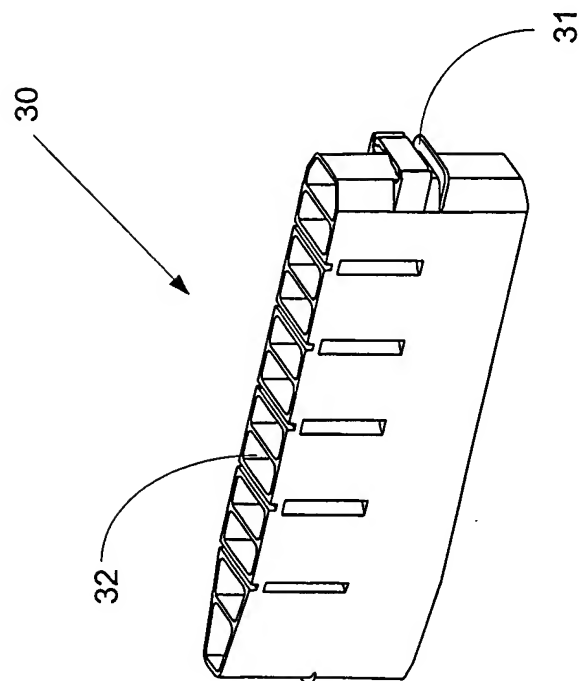


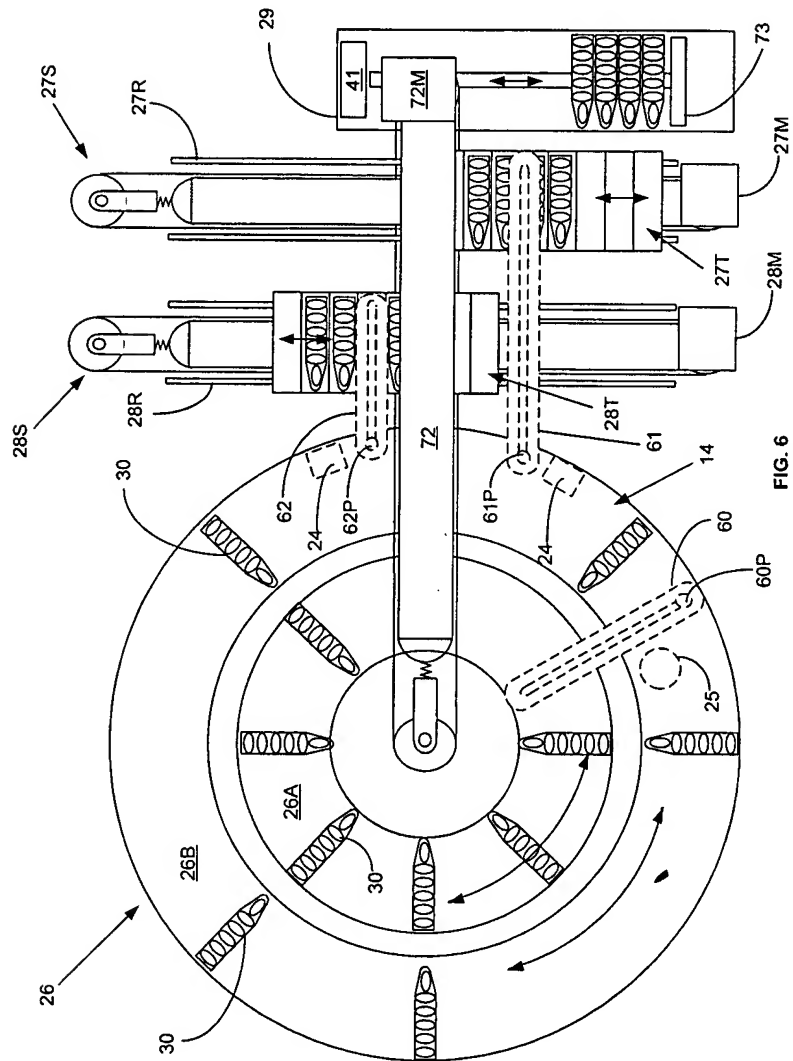
FIG. 5

Method for Increasing Throughput in an Automatic Clinical Analyzer by Duplicating Reagent Resources

William J. Devlin

DCS-9166

6/10



Method for Increasing Throughput in an Automatic Clinical
Analyzer by Duplicating Reagent Resources

William J. Devlin
DCS-9166

7/10

Operation	R1	RX	S	RX	R2	Rd	Rd	Rd	Rd	Rd	Rd	Rd
Minutes	-.036	-.006	0.00	0.66	1.38	2.10	3.00	3.66	6.00	7.26	9.66	10.86
Seconds	-21.6	-3.6	0.0	39.6	82.8	126.0	180.0	219.6	360.0	435.6	579.6	651.6
Type A Assay	R1		S	Rd	Rd	Rf						
Type B Assay	R1		S			Rd	Rd	Rd	Rf			
Type C Assay	R1		S			Rd	Rd	Rd	Rd	Rd	Rd	Rf

R1 = 1st Reagent Addition
R2 = 2nd Reagent Addition
Rx = possible 3rd Reagent Addition
S = Sample Addition
Rd = Read by Devices 86
Rf = Final Read

Fig. 7

Method for Increasing Throughput in an Automatic Clinical Analyzer by Duplicating Reagent Resources

William J. Devlin

DCS-9166

8/10

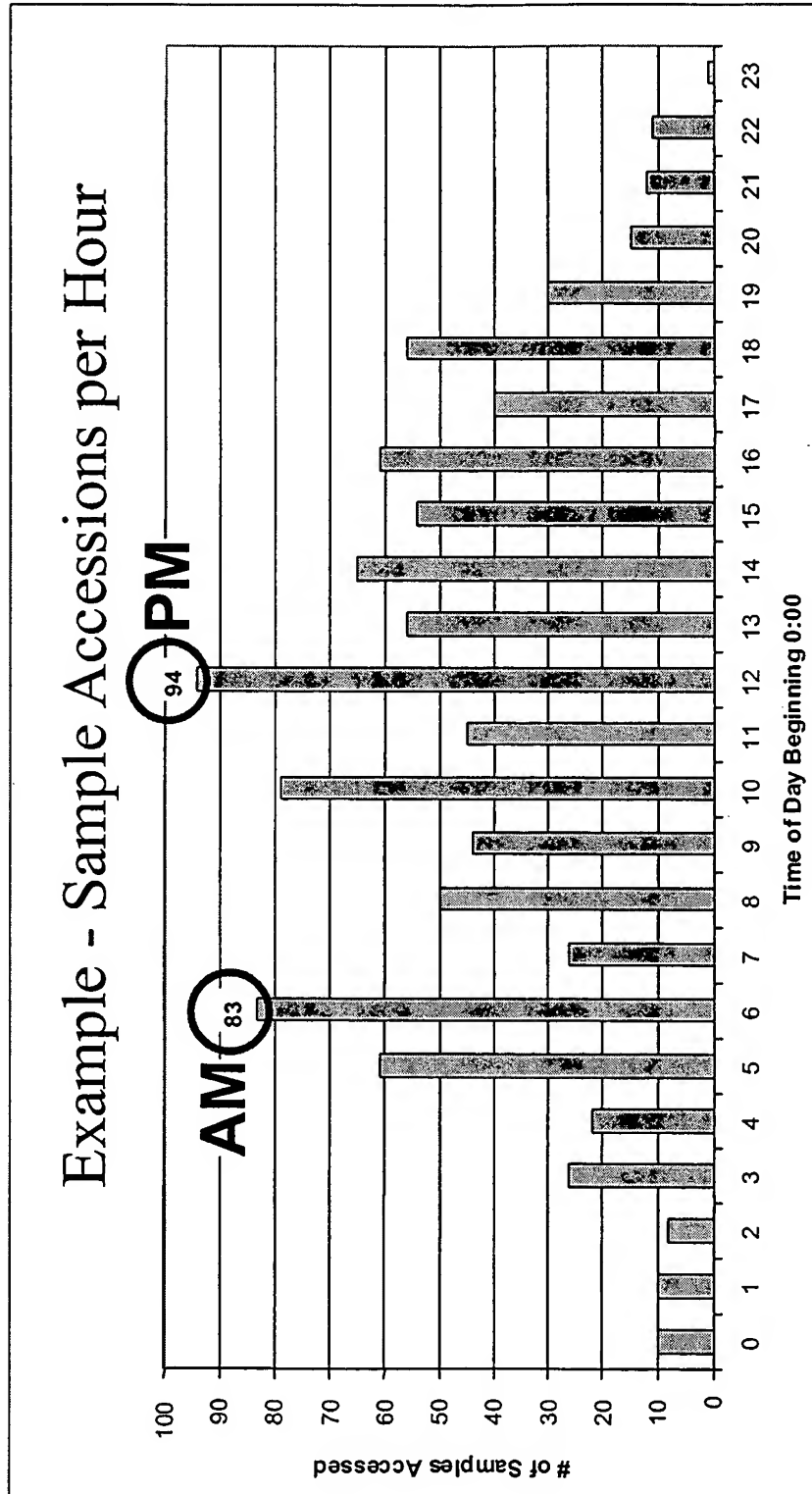


Fig. 8

Method for Increasing Throughput in an Automatic Clinical
Analyzer by Duplicating Reagent Resources

William J. Devlin
DCS-9166

9/10

Relative Number of Assays		
All A assays Server 26	All B assays Server 26	All C assays Server 26

FIG. 9

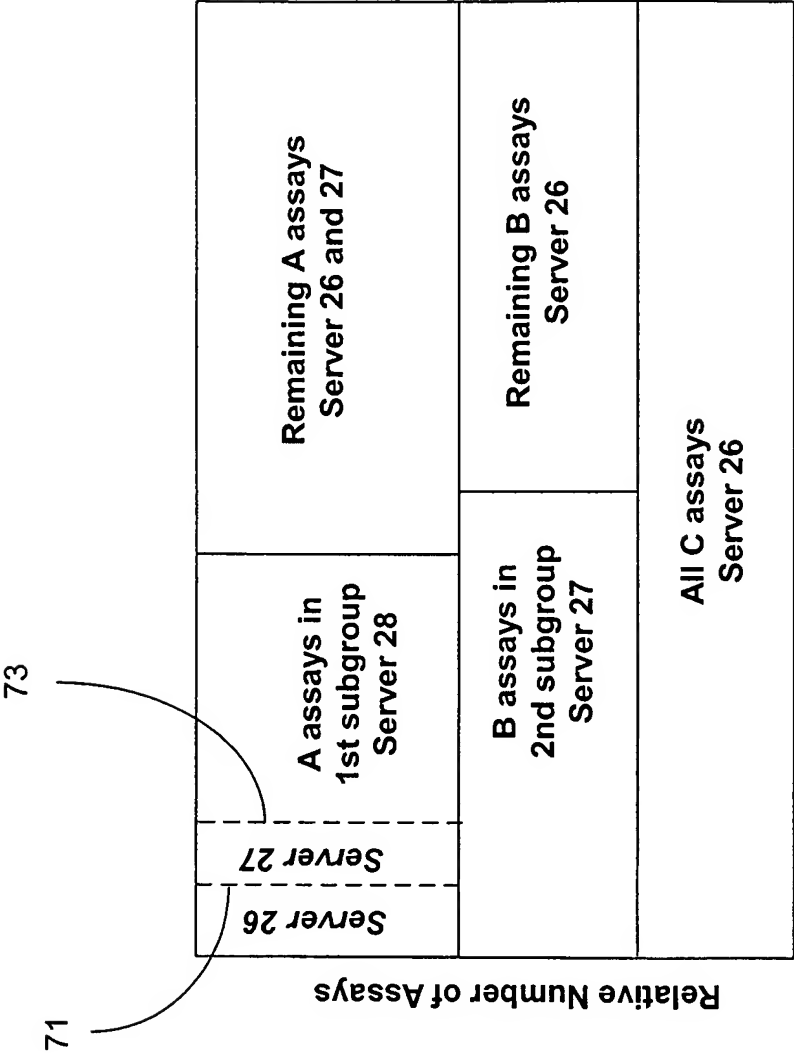


FIG. 9A